FORM PTG-13 (REV 11-98)	190 U.S. DEPAR	TIMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER						
V	RANSMITTAL LETTER	P05147US0							
ļ	DESIGNATED/ELECT	U.S. APPLICATION NO. (If known see 17 CFB 1.5)							
CONCERNING A FILING UNDER 35 U.S.C. 371 09/830193									
INTERNA	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
PCT/C	A99/00981	22 October 1999 (22.10.99)	23 October 1998 (23.10.98)						
		ADIATION PROTECTION COMPOSIT	ION						
APPLICANT(S) FOR DO/EO/US HUNER, Norman et al.									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.									
2.	2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.								
3. X	This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay								
	examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.								
5. 🗓	5								
	a. is transmitted herewith (required only if not transmitted by the International Bureau).								
1	b. has been transmitted by the International Bureau.								
1	c. X is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.		Application into English (35 U.S.C. 371(c)(2							
7. X	7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
	a. are transmitted herewith (required only if not transmitted by the International Bureau).								
1		by the International Bureau.	*						
c. have not been made; however, the time limit for making such amendments has NOT expired.									
·	d. have not been made an								
8.	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
Items 1	11. to 16. below concern docume	nt(s) or information included:							
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.									
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. 🗓	A FIRST preliminary amendmen	it.							
	A SECOND or SUBSEQUENT	preliminary amendment.	,						
14.	A substitute specification.		·						
15.	A change of power of attorney and/or address letter.								
16. X	Other items or information:	-Certificaté of Express Ma Label No. EL846801818U							
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U.S. APPEICATION NO. (II)	33019	^ !	TERNATIONAL APPLICATION NO. PCT/CA99/00981		P05147US				
17. X The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):									
nor internation	ational prelimina nal search fee (37 nal Search Repor								
International USPTO but Ir	preliminary exam nternational Searc								
International pour internation	preliminary exam nal search fee (37								
International pour all claims	oreliminary exam did not satisfy pr								
International pand all claims	oreliminary exam satisfied provision								
	ENTER A	\$ 840.00							
Surcharge of \$130 months from the	0.00 for furnishin earliest claimed p	O X 30	\$ 130.00						
CLAIMS	NUMBER F		NUMBER EXTRA	RATE					
Total claims Independent claims	19	- 20 =	0	X \$18.00 X \$78.00	\$ -0- \$ 312.00				
	7 ENDENT CLAIM(- 3 =	4	+ \$260.00	\$ 312.00 \$ \frac{1}{2}0-	<u> </u>			
MOLTHEE DELL	<u> </u>		OF ABOVE CALCULAT		\$ 1282.00				
Reduction of 1/2 must also by filed	for filing by smal	\$ 641.00							
		•	SUBT	OTAL =	\$ 641.00				
Processing fee of months from the	\$130.00 for furn	\$							
		\$ 641.00							
Fee for recording accompanied by a	the enclosed assi in appropriate co	\$							
	·.	\$ 641.00							
					Amount to be: refunded	\$			
					charged	2			
a. X A check in the amount of \$ 641.00 to cover the above fees is enclosed.									
b. Please c A duplic	Please charge my Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.				to cover the above fees.				
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 26-0084 A duplicate copy of this sheet is enclosed.									
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
A THE STREET TO STREET TO									
SEND ALL CORRESPONDENCE TO: Heidi S. Nebel									
Zarley, McKee, Thomte, Voorhees & Sease									
801 Grand Avenue, Suite 3200 Heidi S. Nebel									
Des Moine	s, Iowa 503	••							
	5-288-3667	0 37,7	719						
Fax: 515-	288-1338		HANNA	•	ATION NUMBER	·			
			BRANCH PROCESSING	าดต					

JC03 Rec't CT/PTO 2 3 APR 2001

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed Form PTO-1390 (Rev. 11-98) Transmittal Letter (in duplicate) to the U.S. Designated/Elected Office, check for \$641.00 USD and documents associated with a filing under 35 U.S.C. § 371 for, applicants for the US re PCT/CA99/00981, have been mailed by the U.S. Postal Service's Express Mail in an envelope addressed to: Assistant Commissioner of Patents, Box: PCT, Washington, D.C. 20231, prior to 5:00 p.m. on 23 April, 2001.

Margaret L. Edwards

Express Mail #EL846801818US